



## DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104  
Englewood, CO 80112

ATTN: Bob Elder

### **Barrett Trust #1-35**

### **35-9s-35w Thomas,KS**

Start Date: 2012.08.04 @ 05:01:00

End Date: 2012.08.04 @ 12:17:15

Job Ticket #: 47073                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 11:25:17

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

Barrett Trust #1-35

DST # 1

Lansing "K"

2012.08.04



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Norstar Petroleum, Inc  
 88 Inverness CIR E unit F104  
 Englewood, CO 80112  
 ATTN: Bob Elder

**35-9s-35w Thomas, KS**  
**Barrett Trust #1-35**  
 Job Ticket: 47073      **DST#: 1**  
 Test Start: 2012.08.04 @ 05:01:00

## GENERAL INFORMATION:

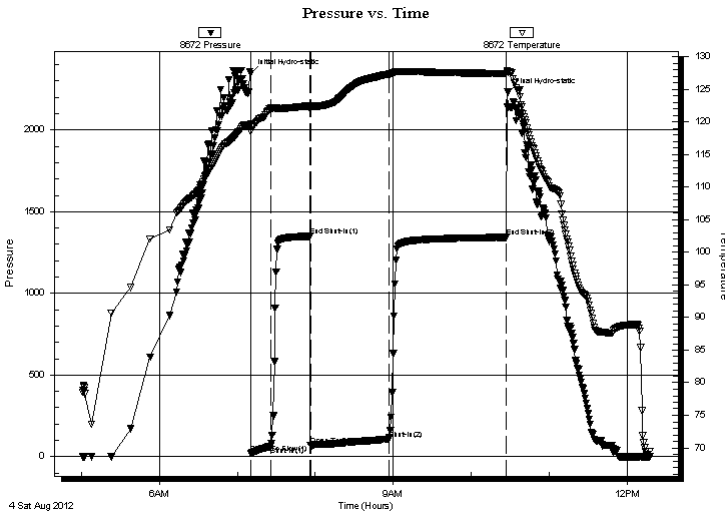
Formation: **Lansing "K"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 07:10:30  
 Tester: Sam Esparza  
 Time Test Ended: 12:17:15  
 Unit No: 58  
 Interval: **4435.00 ft (KB) To 4470.00 ft (KB) (TVD)**  
 Reference Elevations: 3333.00 ft (KB)  
 Total Depth: 4470.00 ft (KB) (TVD)      3328.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Good      KB to GR/CF: 5.00 ft

## Serial #: 8672      Outside

Press @ Run Depth: 108.88 psig @ 4436.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2012.08.04      End Date: 2012.08.04      Last Calib.: 2012.08.04  
 Start Time: 05:01:05      End Time: 12:17:14      Time On Btm: 2012.08.04 @ 07:10:15  
 Time Off Btm: 2012.08.04 @ 10:28:00

TEST COMMENT: IF: 3" blow .  
 IS: No return.  
 FF: 8 1/4" blow .  
 FS: Weak surface return died @ 45 min.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2345.66	119.67	Initial Hydro-static
1	19.33	118.55	Open To Flow (1)
16	63.34	122.15	Shut-In(1)
46	1349.76	122.47	End Shut-In(1)
46	69.87	121.95	Open To Flow (2)
107	108.88	127.31	Shut-In(2)
197	1343.43	127.44	End Shut-In(2)
198	2231.66	127.69	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	GO 15g 85o	0.25
100.00	GOCM 5g 5o 90m	0.72
60.00	GOWCM 5g 5o 20w 70m	0.84
0.00	70' GIP	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47073

**DST#: 1**

ATTN: Bob Elder

Test Start: 2012.08.04 @ 05:01:00

## Tool Information

Drill Pipe:	Length: 4312.00 ft	Diameter: 3.80 inches	Volume: 60.49 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 61.10 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	30.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	4435.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	63.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			4408.00	
Shut In Tool	5.00			4413.00	
Hydraulic tool	5.00			4418.00	
Jars	5.00			4423.00	
Safety Joint	3.00		Fluid	4426.00	
Packer	5.00			4431.00	28.00 Bottom Of Top Packer
Packer	4.00			4435.00	
Stubb	1.00			4436.00	
Recorder	0.00	8355	Inside	4436.00	
Recorder	0.00	8672	Outside	4436.00	
Perforations	31.00			4467.00	
Bullnose	3.00			4470.00	35.00 Bottom Packers & Anchor

**Total Tool Length: 63.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47073

**DST#: 1**

ATTN: Bob Elder

Test Start: 2012.08.04 @ 05:01:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 13.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 14000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
50.00	GO 15g 85o	0.246
100.00	GOCM 5g 5o 90m	0.720
60.00	GOWCM 5g 5o 20w 70m	0.842
0.00	70' GIP	0.000

Total Length: 210.00 ft      Total Volume: 1.808 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

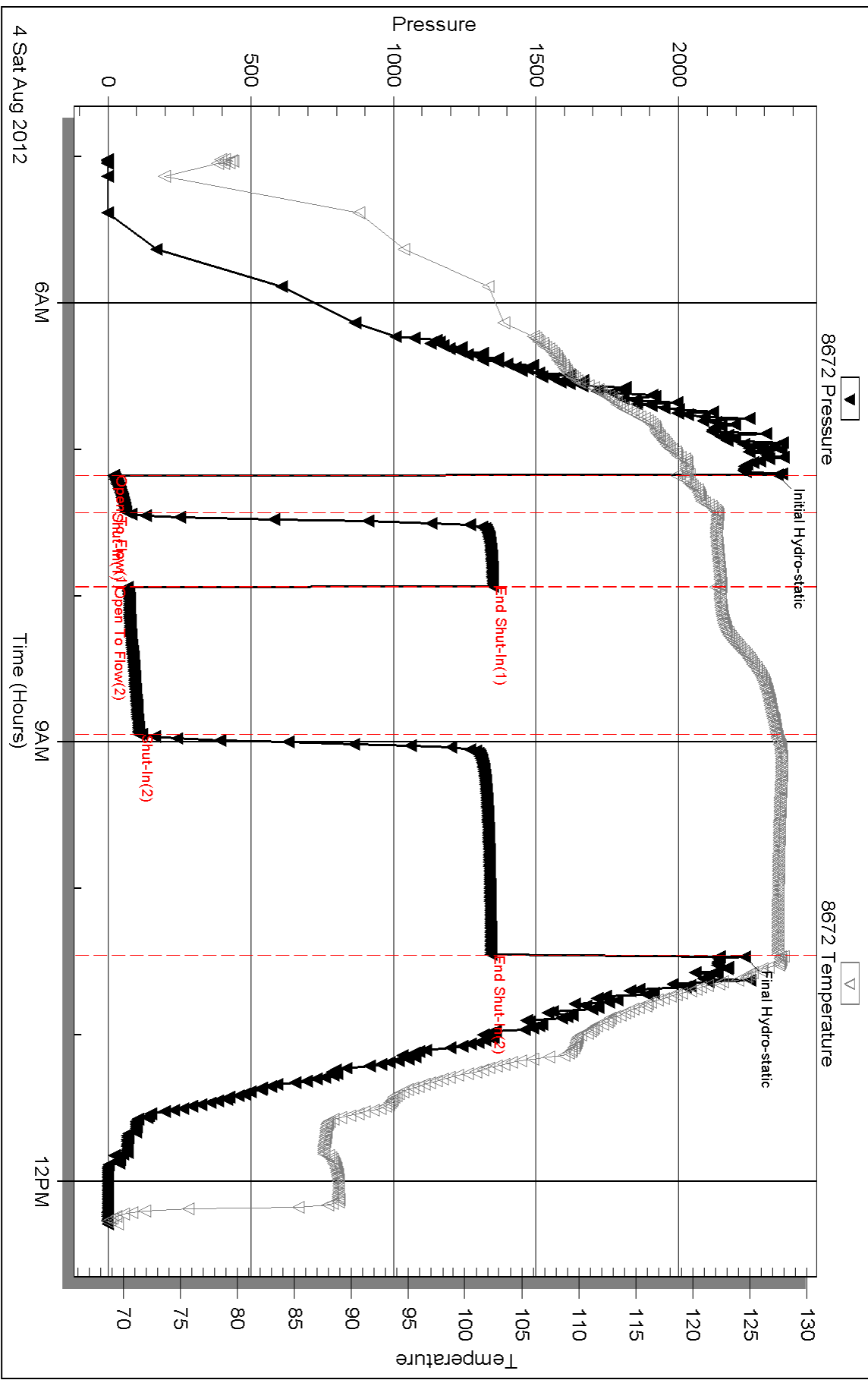
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 35 @ 70 degrees= 34

# Pressure vs. Time



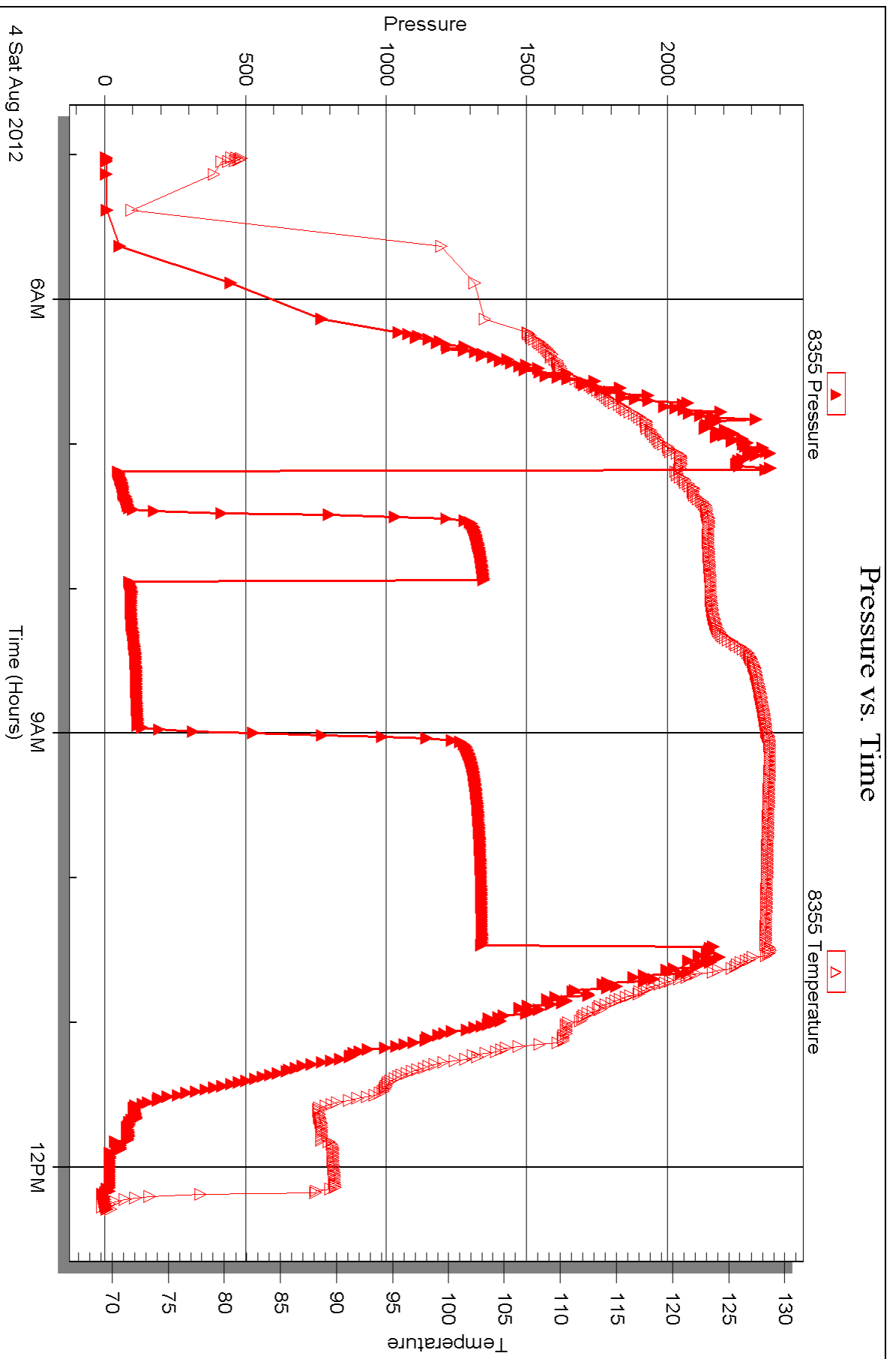
Serial #: 8355

Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 47073

Printed: 2012.08.10 @ 11:25:21



## DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104  
Englewood, CO 80112

ATTN: Bob Elder

### **Barrett Trust #1-35**

#### **35-9s-35w Thomas,KS**

Start Date: 2012.08.05 @ 10:56:00

End Date: 2012.08.05 @ 16:29:45

Job Ticket #: 47074                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 11:24:21









**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47074

**DST#: 2**

ATTN: Bob Elder

Test Start: 2012.08.05 @ 10:56:00

## Tool Information

Drill Pipe:	Length: 4505.00 ft	Diameter: 3.80 inches	Volume: 63.19 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 63.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	3.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4655.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	50.00 ft			
Tool Length:	78.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4628.00	
Shut In Tool	5.00			4633.00	
Hydraulic tool	5.00			4638.00	
Jars	5.00			4643.00	
Safety Joint	3.00		Fluid	4646.00	
Packer	5.00			4651.00	28.00 Bottom Of Top Packer
Packer	4.00			4655.00	
Stubb	1.00			4656.00	
Recorder	0.00	8355	Inside	4656.00	
Recorder	0.00	8672	Outside	4656.00	
Perforations	13.00			4669.00	
Change Over Sub	1.00			4670.00	
Drill Pipe	31.00			4701.00	
Change Over Sub	1.00			4702.00	
Bullnose	3.00			4705.00	50.00 Bottom Packers & Anchor

**Total Tool Length: 78.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47074

**DST#: 2**

ATTN: Bob Elder

Test Start: 2012.08.05 @ 10:56:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	OCM 10o 90m	0.074
60.00	OCM 5o 95m	0.295

Total Length: 75.00 ft      Total Volume: 0.369 bbl

Num Fluid Samples: 0

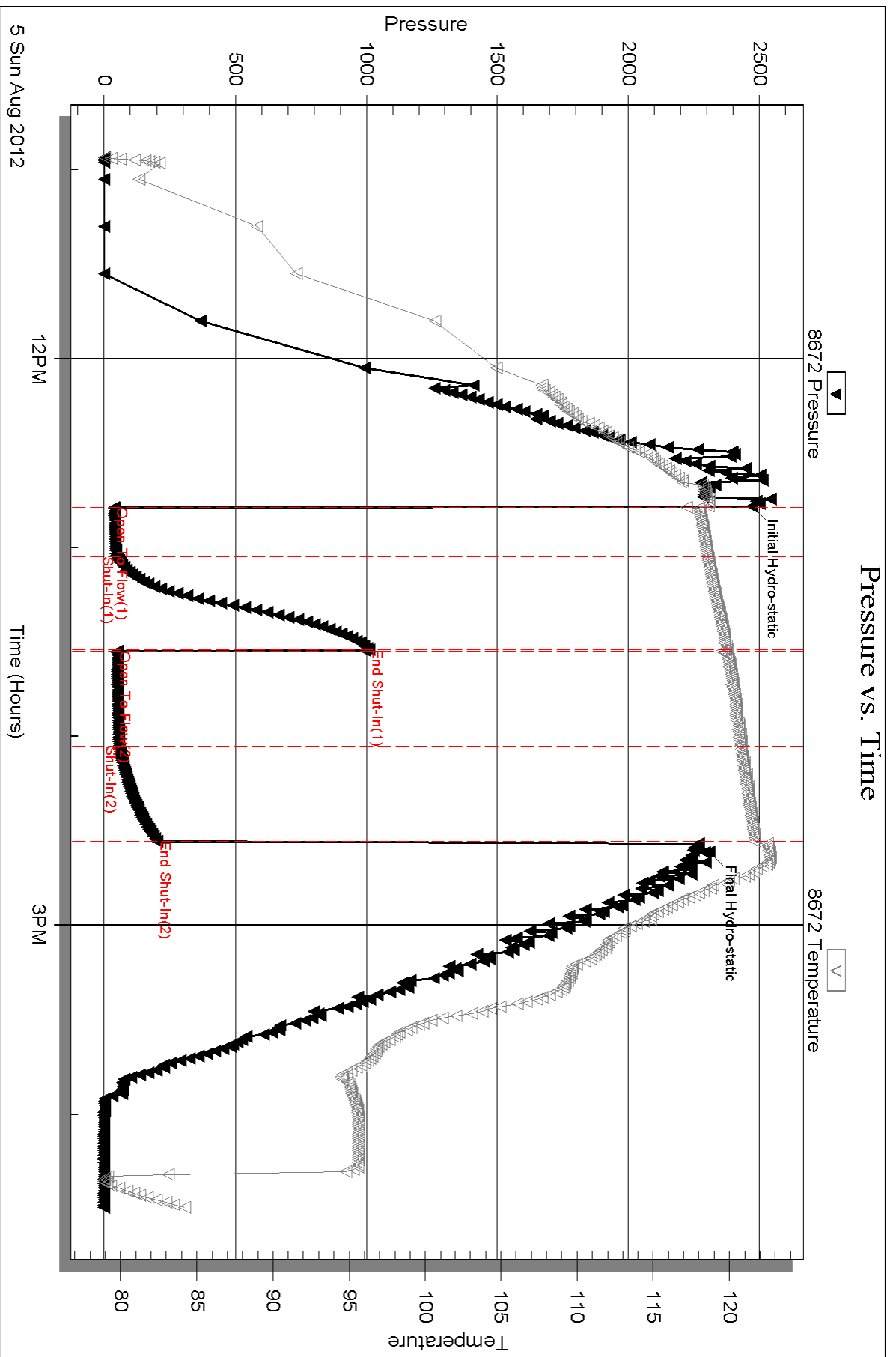
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



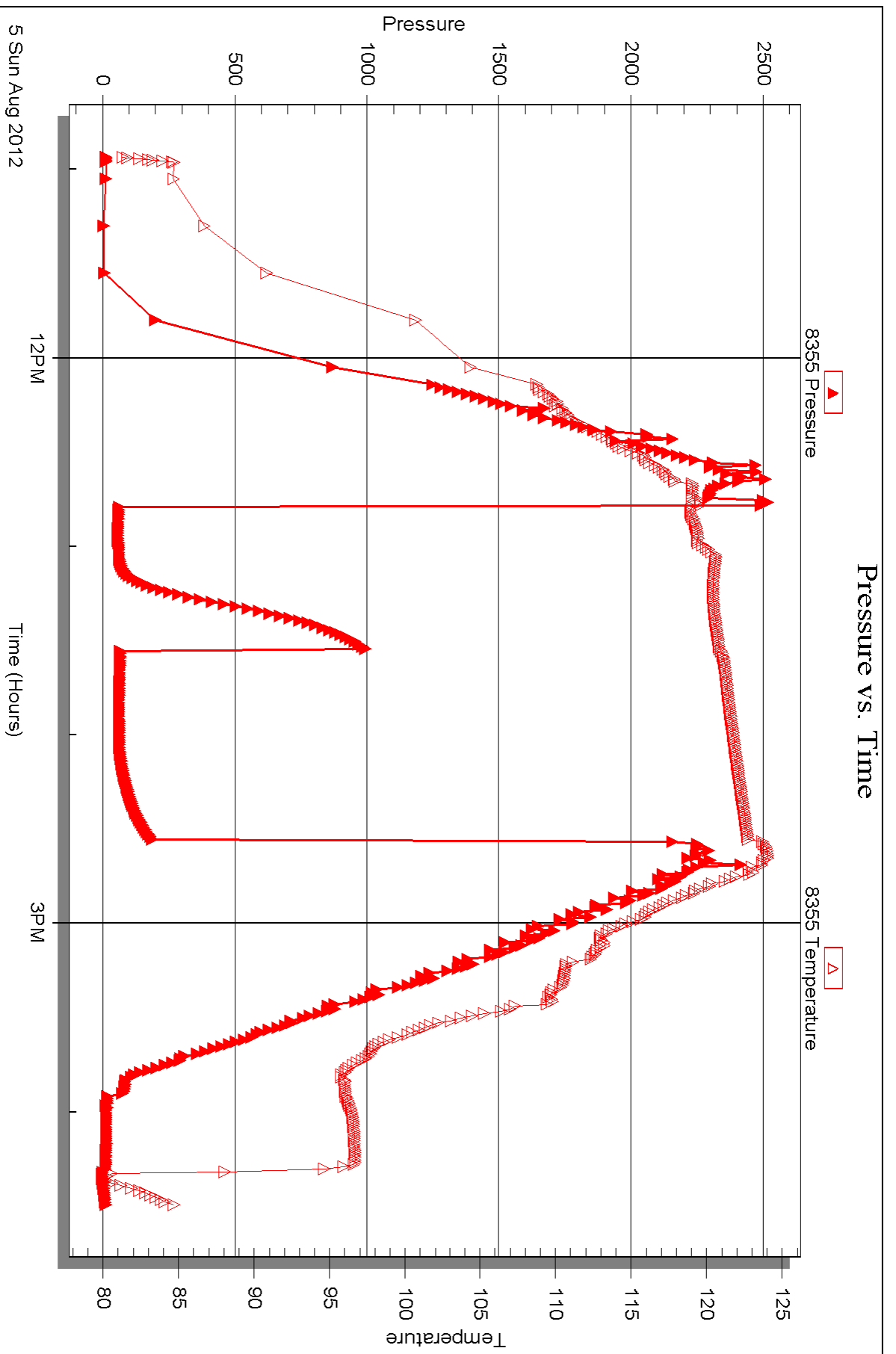
Serial #: 8355

Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 47074

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## DRILL STEM TEST REPORT

Prepared For: **Norstar Petroleum, Inc**

88 Inverness CIR E unit F104  
Englewood, CO 80112

ATTN: Bob Elder

### **Barrett Trust #1-35**

### **35-9s-35w Thomas,KS**

Start Date: 2012.08.06 @ 04:00:00

End Date: 2012.08.06 @ 09:49:30

Job Ticket #: 47075                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.08.10 @ 11:23:10

Norstar Petroleum, Inc

35-9s-35w Thomas,KS

Barrett Trust #1-35

DST # 3

Johnson

2012.08.06



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Norstar Petroleum, Inc  
 88 Inverness CIR E unit F104  
 Englewood, CO 80112  
 ATTN: Bob Elder

**35-9s-35w Thomas, KS**  
**Barrett Trust #1-35**  
 Job Ticket: 47075 **DST#: 3**  
 Test Start: 2012.08.06 @ 04:00:00

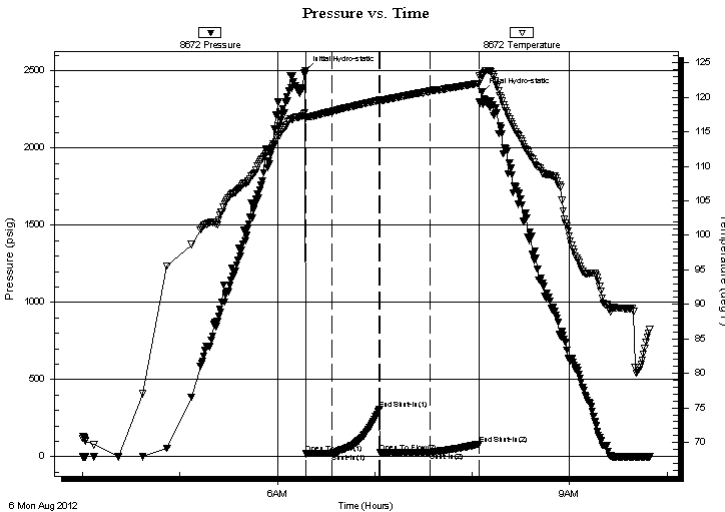
## GENERAL INFORMATION:

Formation: **Johnson**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 06:17:30  
 Time Test Ended: 09:49:30  
 Interval: **4736.00 ft (KB) To 4789.00 ft (KB) (TVD)**  
 Total Depth: 4789.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Sam Esparza  
 Unit No: 58  
 Reference Elevations: 3333.00 ft (KB)  
 3328.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8672 Outside**  
 Press @ Run Depth: 28.75 psig @ 4737.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.08.06 End Date: 2012.08.06 Last Calib.: 2012.08.06  
 Start Time: 04:00:05 End Time: 09:49:29 Time On Btm: 2012.08.06 @ 06:17:15  
 Time Off Btm: 2012.08.06 @ 08:05:45

TEST COMMENT: IF: Weak surface blow .  
 IS: No return.  
 FF: No blow .  
 FS: No return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2502.22	117.80	Initial Hydro-static
1	19.46	116.91	Open To Flow (1)
16	23.32	117.93	Shut-In(1)
46	306.48	119.57	End Shut-In(1)
46	25.92	119.48	Open To Flow (2)
77	28.75	120.79	Shut-In(2)
107	80.88	122.00	End Shut-In(2)
109	2360.59	123.06	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 10o 90m	0.10

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)







**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47075

**DST#: 3**

ATTN: Bob Elder

Test Start: 2012.08.06 @ 04:00:00

## Tool Information

Drill Pipe:	Length: 4599.00 ft	Diameter: 3.80 inches	Volume: 64.51 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 125.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 85000.00 lb
			<u>Total Volume: 65.12 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	16.00 ft			String Weight: Initial 52000.00 lb
Depth to Top Packer:	4736.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	53.00 ft			
Tool Length:	81.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			4709.00	
Shut In Tool	5.00			4714.00	
Hydraulic tool	5.00			4719.00	
Jars	5.00			4724.00	
Safety Joint	3.00		Fluid	4727.00	
Packer	5.00			4732.00	28.00 Bottom Of Top Packer
Packer	4.00			4736.00	
Stubb	1.00			4737.00	
Recorder	0.00	8355	Inside	4737.00	
Recorder	0.00	8672	Outside	4737.00	
Perforations	16.00			4753.00	
Change Over Sub	1.00			4754.00	
Drill Pipe	31.00			4785.00	
Change Over Sub	1.00			4786.00	
Bullnose	3.00			4789.00	53.00 Bottom Packers & Anchor

**Total Tool Length: 81.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Norstar Petroleum, Inc

**35-9s-35w Thomas,KS**

88 Inverness CIR E unit F104  
Englewood, CO 80112

**Barrett Trust #1-35**

Job Ticket: 47075

**DST#: 3**

ATTN: Bob Elder

Test Start: 2012.08.06 @ 04:00:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 12.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 9700.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 10o 90m	0.098

Total Length: 20.00 ft      Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

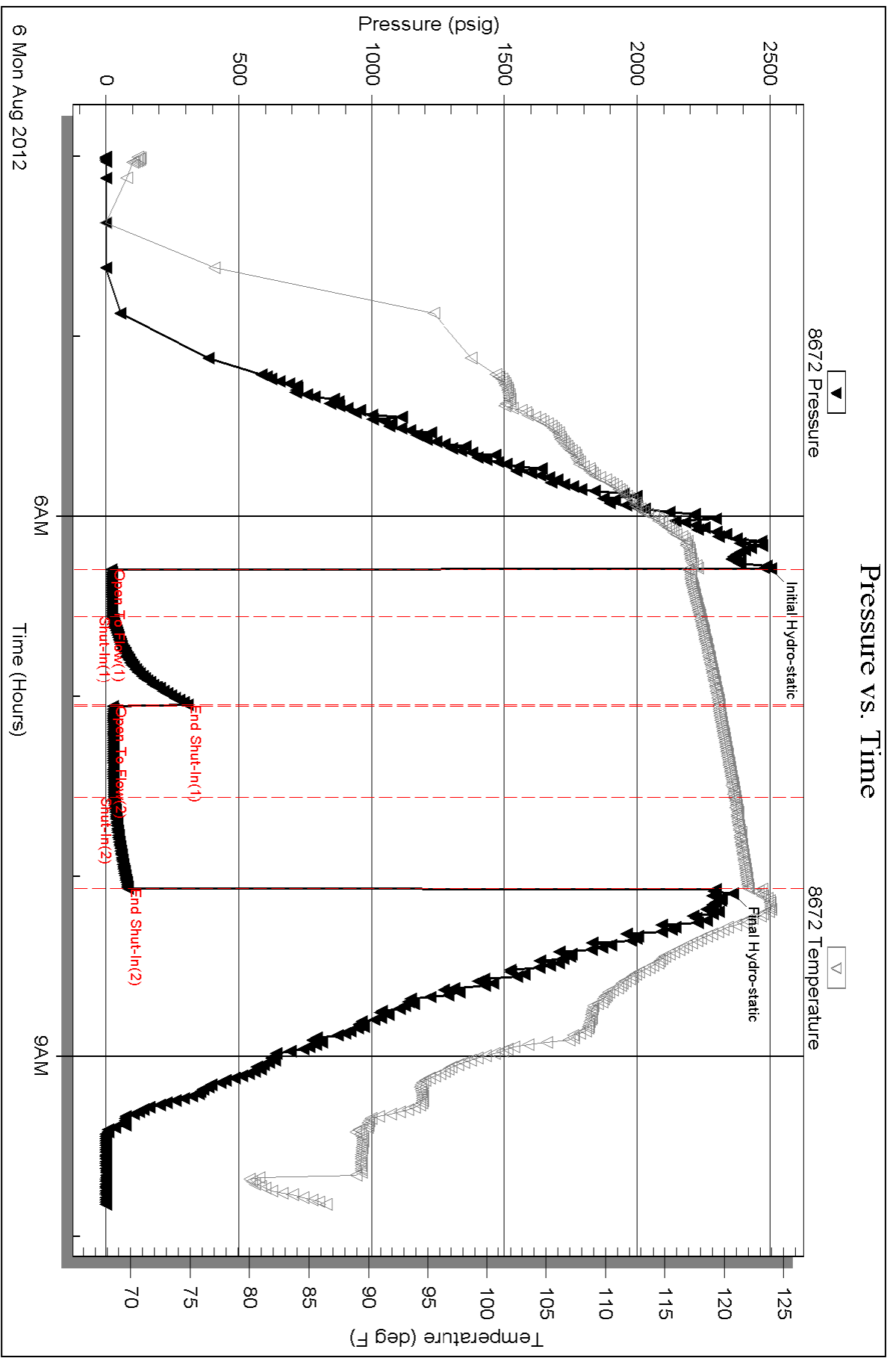
Recovery Comments:

Serial #: 8672

Outside Norstar Petroleum, Inc

Barrett Trust #1-35

DST Test Number: 3



Triobite Testing, Inc

Ref. No: 47075

Printed: 2012.08.10 @ 11:23:13

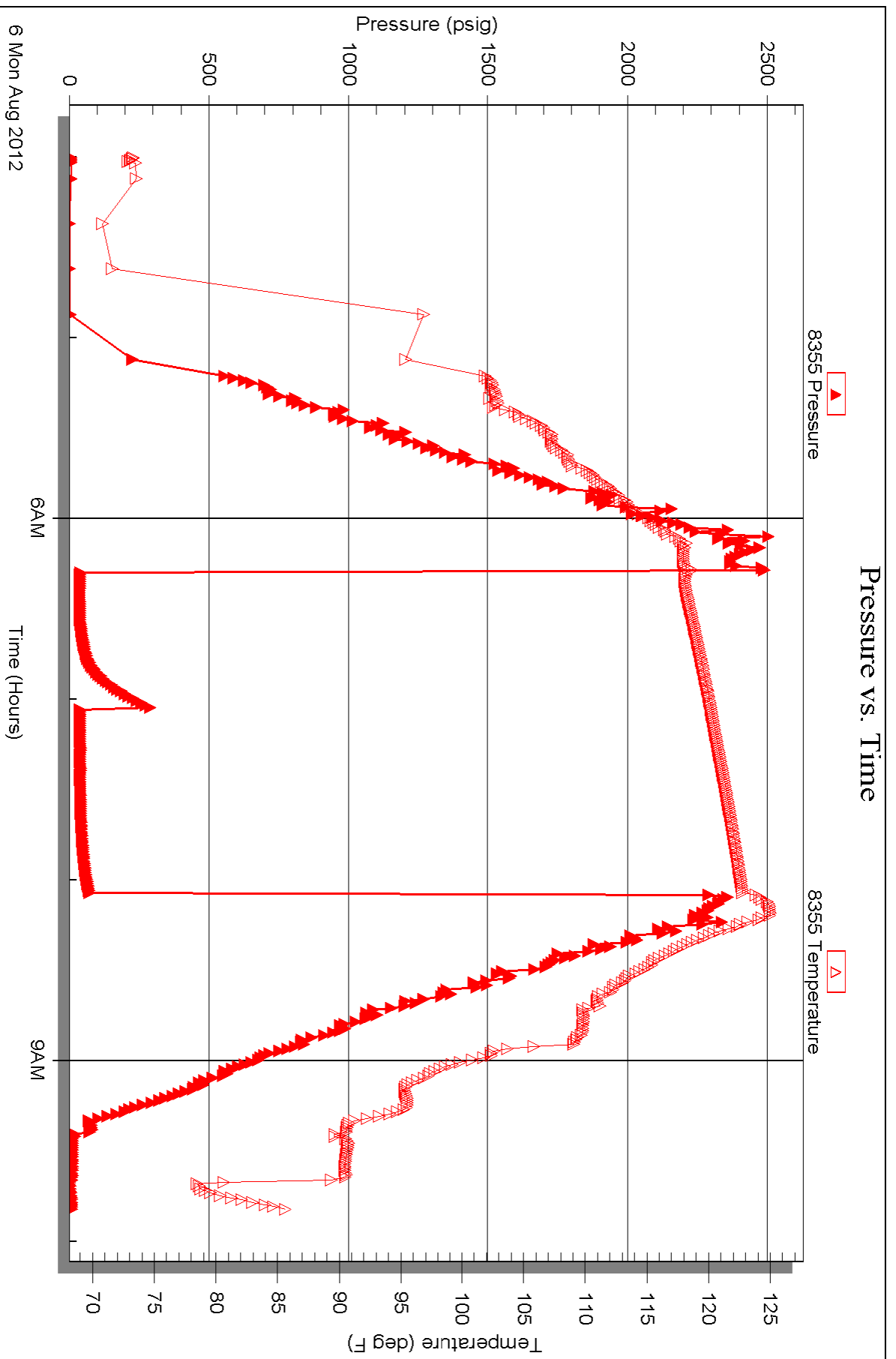
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Inside

Norstar Petroleum, Inc

Barrett Trust #1-35

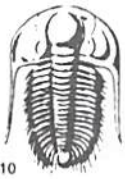
DST Test Number: 3



Triobite Testing, Inc

Ref. No: 47075

Printed: 2012.08.10 @ 11:23:14



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. **47073**

Well Name & No. Barrett Family Trust #1-35 Test No. 1 Date 8/4/12  
 Company Norstar Petroleum, Inc Elevation 3333 KB 3328 GL  
 Address 88 Inverness CIR E with F10H Englewood, CO 80112  
 Co. Rep / Geo. Bob Elder Rig WW #8  
 Location: Sec. 35 Twp. 9S Rge. 35W Co. Thomas State Ks

Interval Tested 4435-4470 Zone Tested Lansing "K"  
 Anchor Length 35' Drill Pipe Run 4312 Mud Wt. 9.4  
 Top Packer Depth 4431 Drill Collars Run 125 Vis 48  
 Bottom Packer Depth 4435 Wt. Pipe Run 0 WL 13.8  
 Total Depth 4470 Chlorides 14,000 ppm System LCM 1  
 Blow Description 3" Blow.  
No return.  
8 1/4" Blow.

Weak surface return died @ 45 min.

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>60</u>	<u>15</u>	<u>85</u>		
<u>100</u>	<u>60cm</u>	<u>5</u>	<u>5</u>		<u>90</u>
<u>60</u>	<u>60wcm</u>	<u>5</u>	<u>5</u>	<u>20</u>	<u>70</u>
<u>70' GIP</u>					

Rec Total 210 BHT 127 Gravity 34 API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic 2346  Test 1250 T-On Location 4:00  
 (B) First Initial Flow 19  Jars 250 T-Started 5:01  
 (C) First Final Flow 63  Safety Joint 75 T-Open 7:11  
 (D) Initial Shut-In 1350  Circ Sub N/C T-Pulled 10:27  
 (E) Second Initial Flow 70  Hourly Standby \_\_\_\_\_ T-Out 12:18  
 (F) Second Final Flow 109  Mileage 176 R/T 272.80 Comments \_\_\_\_\_  
 (G) Final Shut-In 1343  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2232  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Initial Open 15  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 30  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 60  Day Standby \_\_\_\_\_ Total 1847.80  
 Final Shut-In 90  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1847.80

Approved By [Signature] Our Representative [Signature]

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47074

4/10

Well Name & No. Barrett Family Trust #1-36 Test No. 2 Date 8/5/12  
 Company Nrstar Petroleum, Inc Elevation 3333 KB 3328 GL  
 Address 88 Inverness CIR E unit F104 Englewood, CO 80112  
 Co. Rep / Geo. Bob Elder Rig WW #8  
 Location: Sec. 35 Twp. 9# Rge. 35W Co. Thomas State KS

Interval Tested 4655-4705 Zone Tested Ft. Scott  
 Anchor Length 50' Drill Pipe Run 4505 Mud Wt. 9.4  
 Top Packer Depth 4651 Drill Collars Run 125 Vis 48  
 Bottom Packer Depth 4655 Wt. Pipe Run 0 WL 12.6  
 Total Depth 4705 Chlorides 9700 ppm System LCM 3  
 Blow Description Weak surface blow.  
No Return.  
No blow.  
No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
<u>60</u>	<u>OCM</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 75 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2471</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>10:15</u>
(B) First Initial Flow <u>37</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>10:56</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>12:47</u>
(D) Initial Shut-In <u>1010</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>14:33</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>16:30</u>
(F) Second Final Flow <u>56</u>	<input checked="" type="checkbox"/> Mileage <u>176 R/T</u> 272.80	Comments
(G) Final Shut-In <u>202</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2309</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>15</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1847.80</u>
	<input type="checkbox"/> Accessibility	MF/DST Disc't
	Sub Total <u>1847.80</u>	

Approved By

Our Representative

TriLOBite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 47075

4/10

Well Name & No. Borrett Family Trust #1-35 Test No. 3 Date 8/6/12  
 Company Norstar Petroleum, Inc Elevation 3333 KB 3328 GL  
 Address 88 Inverness CIR E unit F104 Englewood, Co 80112  
 Co. Rep / Geo. Bob Elder Rig WV #8  
 Location: Sec. 35 Twp. 9S Rge. 35W Co. Thomas State Ks

Interval Tested 4736-4789 Zone Tested Johnson  
 Anchor Length 53' Drill Pipe Run 4599 Mud Wt. 9.3  
 Top Packer Depth 4732 Drill Collars Run 125 Vis 57  
 Bottom Packer Depth 4736 Wt. Pipe Run Ø WL 12.6  
 Total Depth 4789 Chlorides 9700 ppm System LCM 3  
 Blow Description weak surface blow.  
No Return.  
No Blow.  
No Return.

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>OCM</u>	<u>10</u>		<u>90</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 20 BHT 122 Gravity — API RW — @ — °F Chlorides — ppm

(A) Initial Hydrostatic <u>2502</u>	<input checked="" type="checkbox"/> Test <u>1250</u>	T-On Location <u>3:50</u>
(B) First Initial Flow <u>19</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>4:00</u>
(C) First Final Flow <u>23</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>6:18</u>
(D) Initial Shut-In <u>306</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>8:04</u>
(E) Second Initial Flow <u>26</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>9:50</u>
(F) Second Final Flow <u>29</u>	<input checked="" type="checkbox"/> Mileage <u>176 R/T X2</u> 545.60	Comments <u>picked up tools</u>
(G) Final Shut-In <u>81</u>	<input type="checkbox"/> Sampler	<u>@ 122 8/7/12</u>
(H) Final Hydrostatic <u>2361</u>	<input type="checkbox"/> Straddle	
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>15</u>	<input type="checkbox"/> Extra Recorder	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Day Standby	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Accessibility	Total <u>2120.60</u>
Final Shut-In <u>30</u>	Sub Total <u>2120.60</u>	MP/DST Disc't

Approved By [Signature] Our Representative [Signature]

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